

STIC Search Report

Biotech-Chem Library

STIC Database Tracking Number: 151956

TO: Rei-Tsang Shiao
Location: 5a10 / 5c18
Thursday, April 28, 2005
Art Unit: 1626
Phone: 571-272-0707
Serial Number: 10 / 672849

From: Jan Delaval
Location: Biotech-Chem Library
Remsen 1a51
Phone: 571-272-22504

jan.delaval@uspto.gov

Search Notes

SEARCH REQUEST FORM

Scientific and Technical Information Center

Requester's Full Name: Robert (R. H.) Shaw Examiner #: 79521 Date: 4/28/05
 Art Unit: 1626 Phone Number: 2-0707 Serial Number: 10672-849
 Mail Box and Bldg/Room Location: 5A1/818 Results Format Preferred (circle): PAPER DISK E-MAIL

If more than one search is submitted, please prioritize searches in order of need.

Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

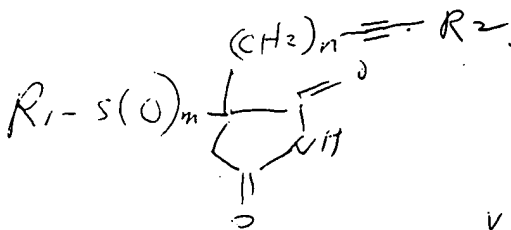
Title of Invention: 3-Substituted-3-(substituted)pyrrol

Inventors (please provide full names): Epstein et al.

Earliest Priority Filing Date: _____

For Sequence Searches Only Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.

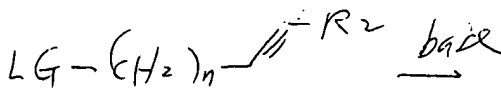
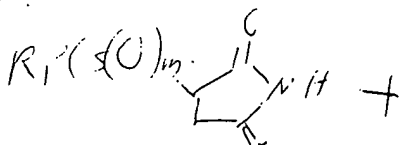
I. search a process for making cpd 2



(see clar 1)

* R_1, R_2 are sub phenyl

by



STAFF USE ONLY

Type of Search		Vendors and cost where applicable	
Searcher: <u>22504</u>	SA Sequence (#) _____	STN <input checked="" type="checkbox"/>	_____
Searcher Phone # _____	AA Sequence (#) _____	Dialog _____	_____
Searcher Location _____	Structure (#) <u>3</u>	Questel/Orbit _____	_____
Date Searcher Picked Up: <u>4/28/05</u>	Biographic _____	Dr. Link _____	_____
Date Completed: <u>4/28/05</u>	Citation _____	Lewis/Nexis _____	_____
Searcher Pre-Review Time: _____	Fulltext _____	Sequence Systems _____	_____
Initial Pre-Review: <u>15</u>	Patent Family _____	WWW/Internet _____	_____
Final Pre-Review: <u>+25</u>	Other _____	Other (specify) _____	_____

=> fil reg

FILE 'REGISTRY' ENTERED AT 14:53:54 ON 28 APR 2005

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STRUCTURE FILE UPDATES: 27 APR 2005 HIGHEST RN 849400-77-7

DICTIONARY FILE UPDATES: 27 APR 2005 HIGHEST RN 849400-77-7

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TSCA INFORMATION NOW CURRENT THROUGH JANUARY 18, 2005

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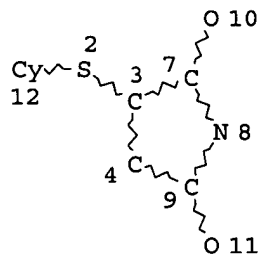
*
* The CA roles and document type information have been removed from *
* the IDE default display format and the ED field has been added, *
* effective March 20, 2005. A new display format, IDERL, is now *
* available and contains the CA role and document type information. *
*

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:
<http://www.cas.org/ONLINE/DBSS/registryss.html>

=> d sta que l13

L1 STR



NODE ATTRIBUTES:

DEFAULT MLEVEL IS ATOM

DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:

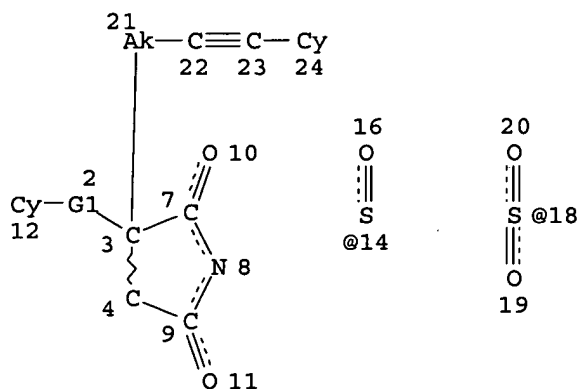
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NUMBER OF NODES IS 9

STEREO ATTRIBUTES: NONE

L3 6092 SEA FILE=REGISTRY SSS FUL L1

L11 STR



VAR G1=S/14/18

NODE ATTRIBUTES:

CONNECT IS M1 RC AT 12

CONNECT IS M1 RC AT 24

DEFAULT MLEVEL IS ATOM

DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:

RSPEC 4

NUMBER OF NODES IS 18

STEREO ATTRIBUTES: NONE

L13 2 SEA FILE=REGISTRY SUB=L3 CSS FUL L11

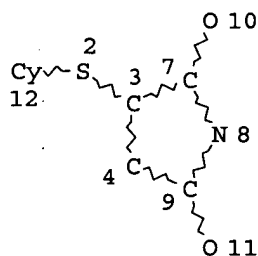
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SEARCH TIME: 00.00.01

2 ANSWERS

=> d sta que l10

L1 STR



NODE ATTRIBUTES:

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DEFAULT ECLEVEL IS LIMITED

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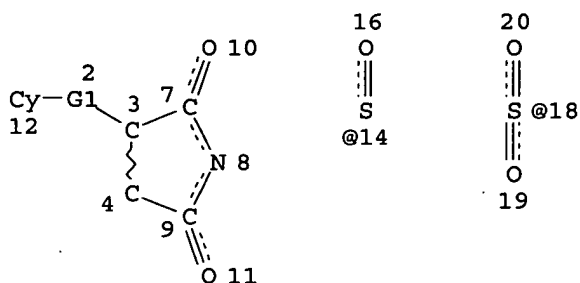
RSPEC 4

NUMBER OF NODES IS 9

STEREO ATTRIBUTES: NONE

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L4 STR



VAR G1=S/14/18
 NODE ATTRIBUTES:
 CONNECT IS M1 RC AT 12
 DEFAULT MLEVEL IS ATOM
 DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:
 RSPEC 4
 NUMBER OF NODES IS 14

STEREO ATTRIBUTES: NONE

L6 59 SEA FILE=REGISTRY SUB=L3 CSS FUL L4
 L7 38 SEA FILE=REGISTRY ABB=ON PLU=ON L6 AND 46.150.18/RID
 L8 26 SEA FILE=REGISTRY ABB=ON PLU=ON L7 NOT PMS/CI
 L10 33 SEA FILE=REGISTRY ABB=ON PLU=ON L6 NOT L8

=> d his

(FILE 'HOME' ENTERED AT 14:37:11 ON 28 APR 2005)

FILE 'REGISTRY' ENTERED AT 14:37:18 ON 28 APR 2005

L1 STR
 L2 50 S L1
 L3 6092 S L1 FUL
 SAV TEMP L3 SHIAO672/A
 L4 STR L1
 L5 0 S L4 CSS SAM SUB=L3
 L6 59 S L4 CSS FUL SUB=L3
 SAV L6 TEMP SHIAO672A/A
 L7 38 S L6 AND 46.150.18/RID
 L8 26 S L7 NOT PMS/CI
 L9 8 S L8 AND (C10H6BRNO2S OR C11H11NO4S OR C11H11NO3S OR C10H8CLNO4
 L10 33 S L6 NOT L8
 L11 STR L4
 L12 0 S L11 CSS SAM SUB=L3
 L13 2 S L11 CSS FUL SUB=L3
 SAV L13 SHIAO672B/A TEMP

FILE 'HCAOLD' ENTERED AT 14:47:07 ON 28 APR 2005

L14 0 S L9 OR L13
 SET COST OFF

FILE 'HCAPLUS' ENTERED AT 14:47:14 ON 28 APR 2005

L15 6 S L9
 L16 1 S L13
 L17 1 S L15 AND L16
 SEL RN

FILE 'REGISTRY' ENTERED AT 14:47:56 ON 28 APR 2005

L18 63 S E1-E63
L19 5 S L18 AND L3

FILE 'HCAPLUS' ENTERED AT 14:48:17 ON 28 APR 2005
L20 1 S L19 AND L17

FILE 'USPATFULL, USPAT2' ENTERED AT 14:48:24 ON 28 APR 2005
L21 5 S L9
L22 5 S L13
L23 5 S L21 AND L22

FILE 'REGISTRY' ENTERED AT 14:48:42 ON 28 APR 2005
L24 58 S L18 NOT L19
L25 50 S L24 AND 1/NR
L26 49 S L25 AND C6/ES
L27 5 S L25 NOT ?NTYN?/CNS
SEL RN 1
L28 1 S E64
L29 4 S L27 NOT L28
L30 45 S L26 NOT L27
L31 23 S L30 AND OL
L32 22 S L30 NOT L31
L33 2 S L32 AND ACID
L34 20 S L32 NOT L33
L35 21 S L28,L34

FILE 'HCAPLUS' ENTERED AT 14:53:14 ON 28 APR 2005
L36 1 S L35 AND L15
L37 1 S L17,L20,L36

FILE 'USPATFULL, USPAT2' ENTERED AT 14:53:32 ON 28 APR 2005
L38 5 S L35 AND L23

FILE 'REGISTRY' ENTERED AT 14:53:54 ON 28 APR 2005

=> fil hcaplus
FILE 'HCAPLUS' ENTERED AT 14:54:21 ON 28 APR 2005
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FILE COVERS 1907 - 28 Apr 2005 VOL 142 ISS 18
FILE LAST UPDATED: 27 Apr 2005 (20050427/ED)

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This file contains CAS Registry Numbers for easy and accurate substance identification.

=> d l37 all hitstr

L37 ANSWER 1 OF 1 HCAPLUS COPYRIGHT 2005 ACS on STN

AN 2003:173583 HCAPLUS
 DN 138:221464
 ED Entered STN: 07 Mar 2003
 TI Preparation of aralkynylarylsulfonylpyrrolidine-2,5-diones as inhibitors of farnesyl-protein transferase
 IN Epstein, Joseph William; Ayrar-Kaloustian, Semiramis
 PA Wyeth Holdings Corporation, USA
 SO PCT Int. Appl., 34 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 IC ICM C07D207-416
 ICS A61K031-40; A61P035-00
 CC 27-10 (Heterocyclic Compounds (One Hetero Atom))
 Section cross-reference(s): 1

FAN.CNT 1

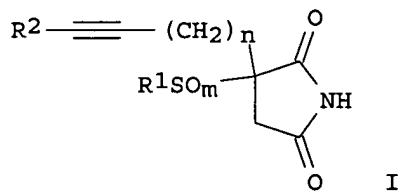
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PI	WO 2003018554	A1	20030306	WO 2002-US26692	20020822
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	US 2003083364	A1	20030501	US 2002-227215	20020823
	US 6740675	B2	20040525		
	US 2004063777	A1	20040401	US 2003-672710	20030926
	US 6861445	B2	20050301		
	US 2004063971	A1	20040401	US 2003-672849	20030926
PRAI	US 2001-314585P	P	20010824		
	US 2002-227215	A3	20020823		

CLASS

PATENT NO.	CLASS	PATENT FAMILY CLASSIFICATION CODES
WO 2003018554	ICM	C07D207-416
	ICS	A61K031-40; A61P035-00
US 2003083364	NCL	514/423.000; 548/530.000
	ECLA	C07D207/40D
US 2004063777	NCL	514/424.000; 548/545.000
	ECLA	C07D207/40D
US 2004063971	NCL	548/545.000; 548/547.000
	ECLA	C07D207/40D

OS MARPAT 138:221464

GI



AB Title compds. [I; R1, R2 = (substituted) Ph; m = 0-2; n = 1, 3-9], were prepared Thus, 3-(4-methoxybenzenesulfonyl)pyrrolidine-2,5-dione (preparation

given) and 1-chloro-4-(5-iodopent-1-ynyl)benzene (preparation given) reacted in the presence of 2 equivalent $\text{NaN}(\text{SiMe}_3)_2$ to give 3-[5-(4-chlorophenyl)pent-4-ynyl]-3-(4-methoxybenzenesulfonyl)pyrrolidine-2,5-dione. The latter inhibited farnesyl-protein transferase using H-Ras as a substrate with $\text{IC}_{50} = 0.14 \mu\text{M}$. I may be used as an alternative to, or in conjunction with, traditional cancer therapy for the treatment of Ras oncogene-dependent tumors, such as cancers of the pancreas, colon, bladder, and thyroid.

- ST aralkynylarylsulfonylpyrrolidinedione prepn farnesyl protein transferase inhibitor; Ras assocd disease treatment pyrrolidinedione aralkynyl arylsulfonyl prepn; myelodysplastic tumor treatment aralkynylarylsulfonylpyrrolidinedione prepn
- IT Intestine, neoplasm
(colon, treatment; preparation of aralkynylarylsulfonylpyrrolidine-2,5-diones as inhibitors of farnesyl-protein transferase)
- IT Uterus, disease
(endometriosis, treatment; preparation of aralkynylarylsulfonylpyrrolidine-2,5-diones as inhibitors of farnesyl-protein transferase)
- IT Apoptosis
(inducers; preparation of aralkynylarylsulfonylpyrrolidine-2,5-diones as inhibitors of farnesyl-protein transferase)
- IT Neoplasm
(metastasis, treatment; preparation of aralkynylarylsulfonylpyrrolidine-2,5-diones as inhibitors of farnesyl-protein transferase)
- IT Leukemia
(myelogenous, treatment; preparation of aralkynylarylsulfonylpyrrolidine-2,5-diones as inhibitors of farnesyl-protein transferase)
- IT Myelodysplastic syndromes
(neoplasm; preparation of aralkynylarylsulfonylpyrrolidine-2,5-diones as inhibitors of farnesyl-protein transferase)
- IT Nervous system, neoplasm
(neurofibromatosis type 1, treatment; preparation of aralkynylarylsulfonylpyrrolidine-2,5-diones as inhibitors of farnesyl-protein transferase)
- IT Angiogenesis inhibitors
Antitumor agents
Cytotoxic agents
Human
(preparation of aralkynylarylsulfonylpyrrolidine-2,5-diones as inhibitors of farnesyl-protein transferase)
- IT Prenylation
(protein prenylation inhibitors; preparation of aralkynylarylsulfonylpyrrolidine-2,5-diones as inhibitors of farnesyl-protein transferase)
- IT Gene, animal
RL: BSU (Biological study, unclassified); BIOL (Biological study)
(ras, treatment of Ras oncogene-dependent tumors; preparation of aralkynylarylsulfonylpyrrolidine-2,5-diones as inhibitors of farnesyl-protein transferase)
- IT Artery, disease
(restenosis, treatment; preparation of aralkynylarylsulfonylpyrrolidine-2,5-diones as inhibitors of farnesyl-protein transferase)
- IT Bladder, neoplasm
Lung, neoplasm
Mammary gland, neoplasm
Pancreas, neoplasm
Prostate gland, neoplasm
Psoriasis
Skin, neoplasm
Thyroid gland, neoplasm
(treatment; preparation of aralkynylarylsulfonylpyrrolidine-2,5-diones as inhibitors of farnesyl-protein transferase)

IT 500715-77-5P 500715-78-6P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(claimed compound; preparation of aralkynylarylsulfonylpyrrolidine-2,5-diones as inhibitors of farnesyl-protein transferase)

IT 131384-38-8, Farnesyl-protein transferase

RL: BSU (Biological study, unclassified); BIOL (Biological study)

(inhibitors; preparation of aralkynylarylsulfonylpyrrolidine-2,5-diones as inhibitors of farnesyl-protein transferase)

IT 92-66-0, 4-Bromobiphenyl 101-55-3, 4-Bromophenyl phenyl ether
541-59-3, Maleimide 696-63-9, 4-Methoxybenzenethiol 3466-32-8,
4-Bromophenyl methyl sulfone 5390-04-5, 4-Pentyn-1-ol 29682-41-5,
1,4-Dichloro-2-iodobenzene 126364-19-0 138487-22-6
173019-82-4 500709-24-0 500709-26-2 500709-27-3
500709-28-4 500709-36-4 500709-67-1 500709-69-3

RL: RCT (Reactant); RACT (Reactant or reagent)

(preparation of aralkynylarylsulfonylpyrrolidine-2,5-diones as inhibitors of farnesyl-protein transferase)

IT 210885-00-0P 500708-87-2P 500708-90-7P 500709-02-4P 500709-03-5P
500709-04-6P 500709-06-8P 500709-09-1P 500709-11-5P 500709-13-7P
500709-16-0P 500709-17-1P 500709-18-2P 500709-19-3P 500709-20-6P
500709-21-7P 500709-22-8P 500709-23-9P 500709-32-0P
500709-37-5P 500709-40-0P 500709-41-1P
500709-42-2P 500709-43-3P 500709-44-4P
500709-45-5P 500709-46-6P 500709-51-3P
500709-52-4P 500709-53-5P 500709-54-6P
500709-55-7P 500709-56-8P 500709-61-5P
500709-62-6P 500709-68-2P 500709-70-6P
500709-71-7P 500709-72-8P 500709-75-1P 500709-77-3P
500715-79-7P 500715-80-0P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(preparation of aralkynylarylsulfonylpyrrolidine-2,5-diones as inhibitors of farnesyl-protein transferase)

RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD

RE

(1) American Home Prod; WO 9524400 A 1995 HCAPLUS

(2) Ho, C; WO 9905117 A 1999 HCAPLUS

(3) Michael, W; WO 9807692 A 1998 HCAPLUS

(4) Perez, M; WO 0185685 A 2001 HCAPLUS

(5) Wai; WO 9736605 A 1997 HCAPLUS

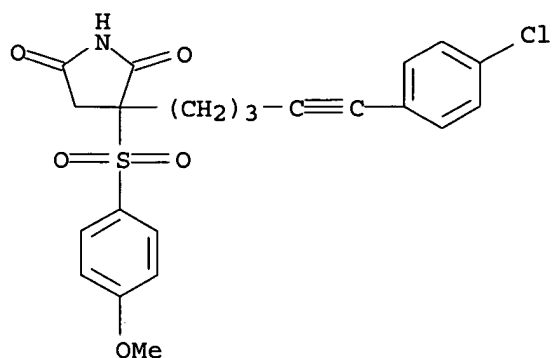
IT 500715-77-5P 500715-78-6P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(claimed compound; preparation of aralkynylarylsulfonylpyrrolidine-2,5-diones as inhibitors of farnesyl-protein transferase)

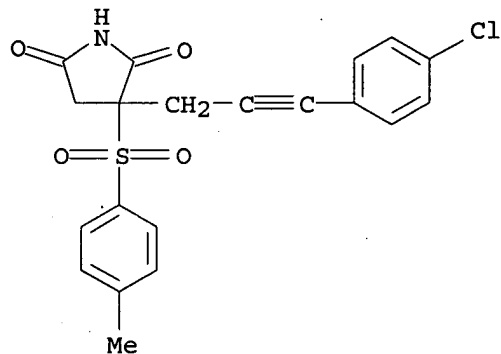
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CN 2,5-Pyrrolidinedione, 3-[5-(4-chlorophenyl)-4-pentynyl]-3-[(4-methoxyphenyl)sulfonyl]- (9CI) (CA INDEX NAME)



RN 500715-78-6 HCAPLUS

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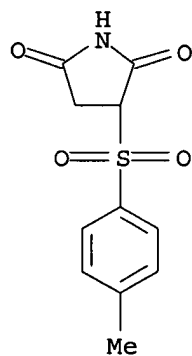
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RL: RCT (Reactant); RACT (Reactant or reagent)

(preparation of aralkynylarylsulfonylpyrrolidine-2,5-diones as inhibitors of farnesyl-protein transferase)

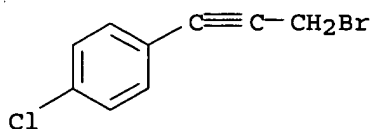
RN 126364-19-0 HCAPLUS

CN 2,5-Pyrrolidinedione, 3-[(4-methylphenyl)sulfonyl]- (9CI) (CA INDEX NAME)



RN 173019-82-4 HCAPLUS

CN Benzene, 1-(3-bromo-1-propynyl)-4-chloro- (9CI) (CA INDEX NAME)



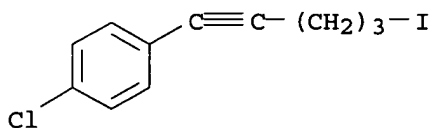
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 500709-71-7P 500709-72-8P 500715-79-7P
 500715-80-0P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(preparation of aralkynylarylsulfonylpyrrolidine-2,5-diones as inhibitors of farnesyl-protein transferase)

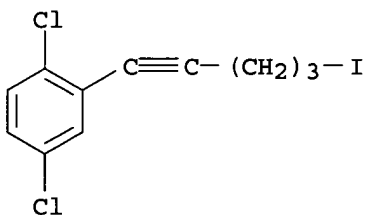
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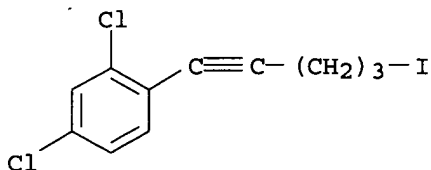
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CN Benzene, 1,4-dichloro-2-(5-iodo-1-pentynyl)- (9CI) (CA INDEX NAME)



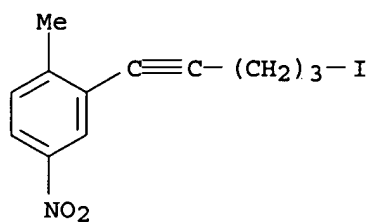
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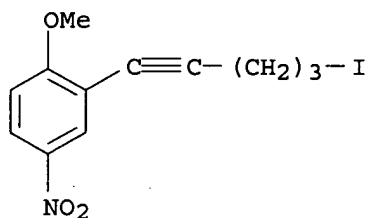
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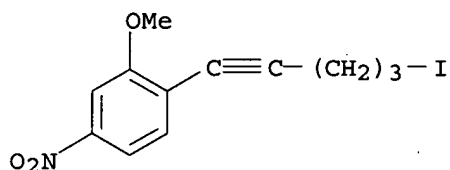
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CN Benzene, 2-(5-iodo-1-pentynyl)-1-methoxy-4-nitro- (9CI) (CA INDEX NAME)



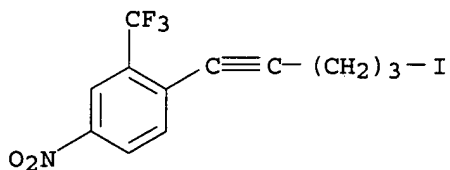
RN 500709-44-4 HCAPLUS

CN Benzene, 1-(5-iodo-1-pentynyl)-2-methoxy-4-nitro- (9CI) (CA INDEX NAME)



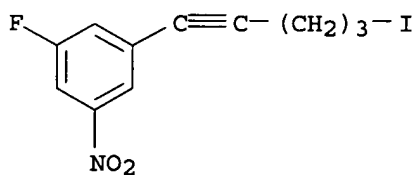
RN 500709-45-5 HCAPLUS

CN Benzene, 1-(5-iodo-1-pentynyl)-4-nitro-2-(trifluoromethyl)- (9CI) (CA INDEX NAME)



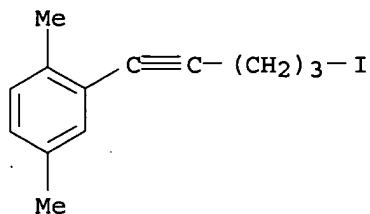
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CN Benzene, 1-fluoro-3-(5-iodo-1-pentynyl)-5-nitro- (9CI) (CA INDEX NAME)



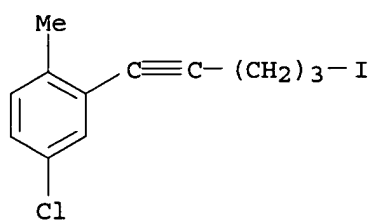
RN 500709-51-3 HCAPLUS

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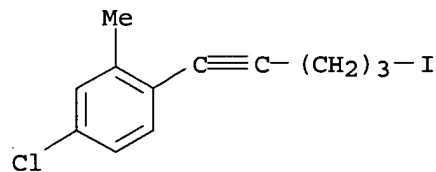
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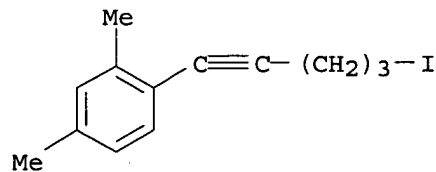
RN 500709-53-5 HCAPLUS

CN Benzene, 4-chloro-1-(5-iodo-1-pentynyl)-2-methyl- (9CI) (CA INDEX NAME)



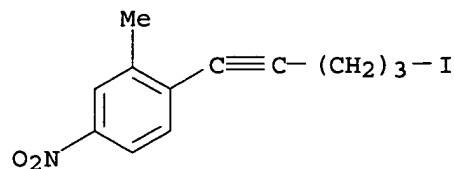
RN 500709-54-6 HCAPLUS

CN Benzene, 1-(5-iodo-1-pentynyl)-2,4-dimethyl- (9CI) (CA INDEX NAME)

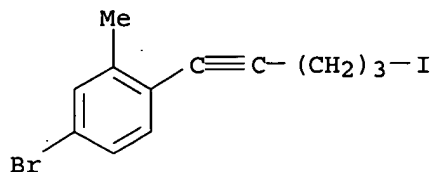


RN 500709-55-7 HCAPLUS

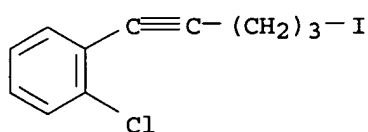
CN Benzene, 1-(5-iodo-1-pentynyl)-2-methyl-4-nitro- (9CI) (CA INDEX NAME)



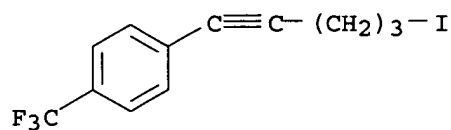
RN 500709-56-8 HCAPLUS
CN Benzene, 4-bromo-1-(5-iodo-1-pentynyl)-2-methyl- (9CI) (CA INDEX NAME)



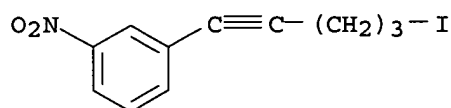
RN 500709-61-5 HCAPLUS
CN Benzene, 1-chloro-2-(5-iodo-1-pentynyl)- (9CI) (CA INDEX NAME)



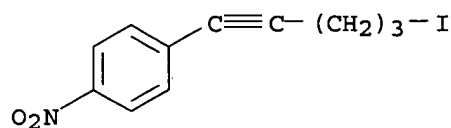
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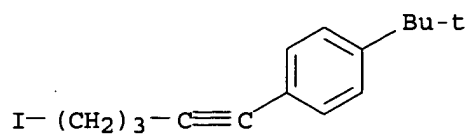
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CN Benzene, 1-(5-iodo-1-pentynyl)-3-nitro- (9CI) (CA INDEX NAME)



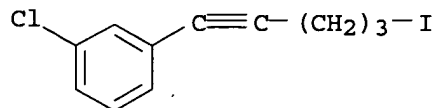
RN 500709-70-6 HCAPLUS
CN Benzene, 1-(5-iodo-1-pentynyl)-4-nitro- (9CI) (CA INDEX NAME)



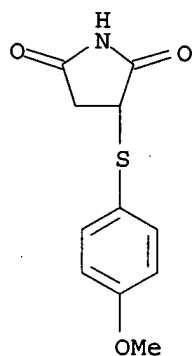
RN 500709-71-7 HCAPLUS
CN Benzene, 1-(1,1-dimethylethyl)-4-(5-iodo-1-pentynyl)- (9CI) (CA INDEX NAME)



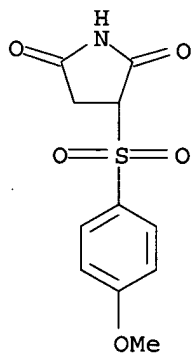
RN 500709-72-8 HCAPLUS
 CN Benzene, 1-chloro-3-(5-iodo-1-pentynyl)- (9CI) (CA INDEX NAME)



RN 500715-79-7 HCAPLUS
 CN 2,5-Pyrrolidinedione, 3-[(4-methoxyphenyl)thio]- (9CI) (CA INDEX NAME)



RN 500715-80-0 HCAPLUS
 CN 2,5-Pyrrolidinedione, 3-[(4-methoxyphenyl)sulfonyl]- (9CI) (CA INDEX NAME)



=> fil uspatall

FILE 'USPATFULL' ENTERED AT 14:54:30 ON 28 APR 2005

CA INDEXING COPYRIGHT (C) 2005 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'USPAT2' ENTERED AT 14:54:30 ON 28 APR 2005
CA INDEXING COPYRIGHT (C) 2005 AMERICAN CHEMICAL SOCIETY (ACS)

=> d 138 bib abs hitstr tot

L38 ANSWER 1 OF 5 USPATFULL on STN
AN 2004:83515 USPATFULL
TI 3-substituted-3-(substitutedsulfonyl or sulfanyl) pyrrolidine-2,5-diones
useful for inhibition of farnesyl-protein transferase
IN Epstein, Joseph William, Monroe, NY, UNITED STATES
Ayrar-Kaloustian, Semiramis, Tarrytown, NY, UNITED STATES
PA Wyeth Holdings Corporation, Madison, NJ (U.S. corporation)
PI US 2004063971 A1 20040401
AI US 2003-672849 A1 20030926 (10)
RLI Division of Ser. No. US 2002-227215, filed on 23 Aug 2002, PENDING
PRAI US 2001-314585P 20010824 (60)
DT Utility
FS APPLICATION
LREP Daniel B. Moran, Five Giralda Farms, Madison, NJ, 07940
CLMN Number of Claims: 25
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 820

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The invention relates to compounds of Formula (I), to processes for their preparation and pharmaceutical compositions thereof, that inhibit the Ras farnesyl-protein transferase enzyme (FPTase), and may be used as an alternative to, or in conjunction with, traditional cancer therapy for the treatment of ras oncogene-dependent tumors, such as cancers of the pancreas, colon, bladder, and thyroid. ##STR1##

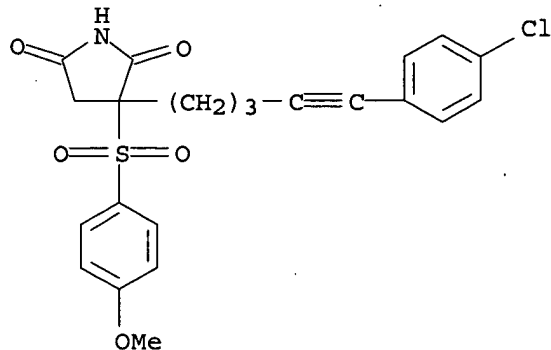
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT 500715-77-5P 500715-78-6P

(claimed compound; preparation of
aralkynylarylsulfonylpyrrolidine-2,5-diones
as inhibitors of farnesyl-protein transferase)

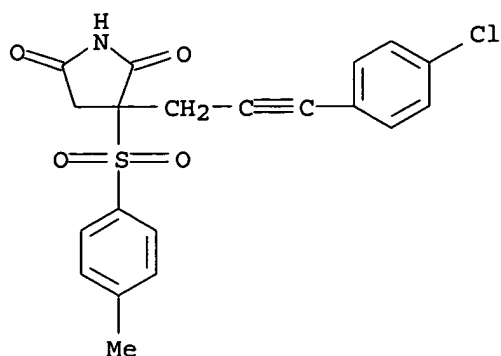
RN 500715-77-5 USPATFULL

CN 2,5-Pyrrolidinedione, 3-[5-(4-chlorophenyl)-4-pentynyl]-3-[(4-methoxyphenyl)sulfonyl]- (9CI) (CA INDEX NAME)



RN 500715-78-6 USPATFULL

CN 2,5-Pyrrolidinedione, 3-[3-(4-chlorophenyl)-2-propynyl]-3-[(4-methylphenyl)sulfonyl]- (9CI) (CA INDEX NAME)

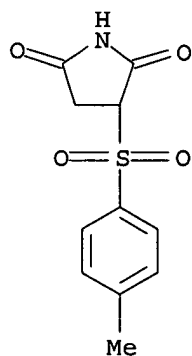


IT 126364-19-0 173019-82-4

(preparation of aralkynylarylsulfonylpyrrolidine-2,5-diones as inhibitors of farnesyl-protein transferase)

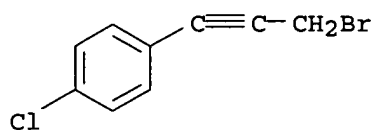
RN 126364-19-0 USPATFULL

CN 2,5-Pyrrolidinedione, 3-[(4-methylphenyl)sulfonyl]- (9CI) (CA INDEX NAME)



RN 173019-82-4 USPATFULL

CN Benzene, 1-(3-bromo-1-propynyl)-4-chloro- (9CI) (CA INDEX NAME)



IT 500709-37-5P 500709-40-0P 500709-41-1P

500709-42-2P 500709-43-3P 500709-44-4P

500709-45-5P 500709-46-6P 500709-51-3P

500709-52-4P 500709-53-5P 500709-54-6P

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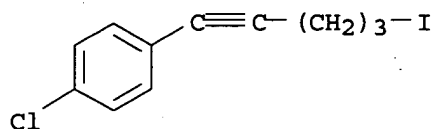
500709-71-7P 500709-72-8P 500715-79-7P

500715-80-0P

(preparation of aralkynylarylsulfonylpyrrolidine-2,5-diones as inhibitors of farnesyl-protein transferase)

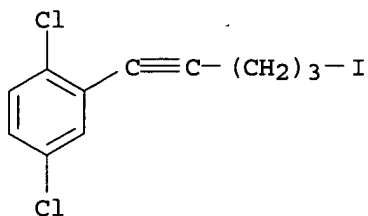
RN 500709-37-5 USPATFULL

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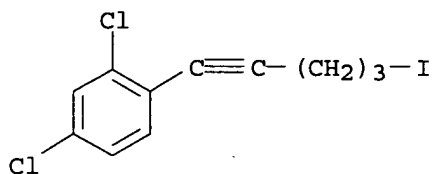
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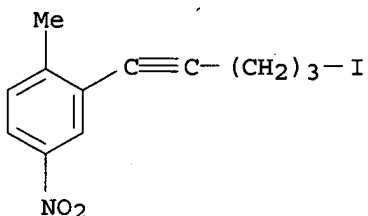
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CN Benzene, 2,4-dichloro-1-(5-iodo-1-pentynyl)- (9CI) (CA INDEX NAME)



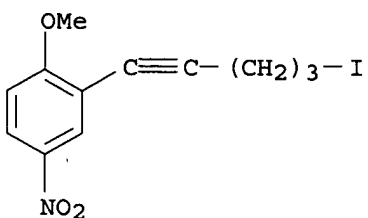
RN 500709-42-2 USPATFULL

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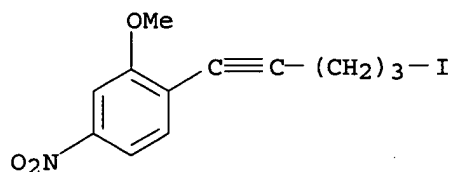
RN 500709-43-3 USPATFULL

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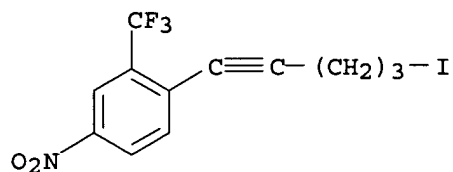
RN 500709-44-4 USPATFULL

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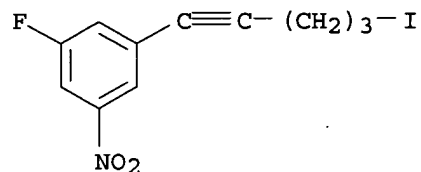
RN 500709-45-5 USPATFULL

CN Benzene, 1-(5-iodo-1-pentynyl)-4-nitro-2-(trifluoromethyl)- (9CI) (CA INDEX NAME)



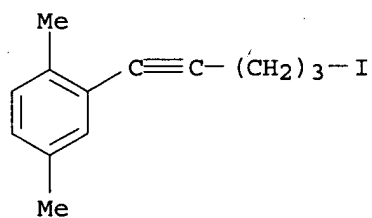
RN 500709-46-6 USPATFULL

CN Benzene, 1-fluoro-3-(5-iodo-1-pentynyl)-5-nitro- (9CI) (CA INDEX NAME)



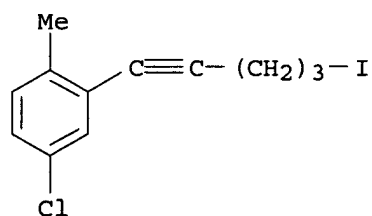
RN 500709-51-3 USPATFULL

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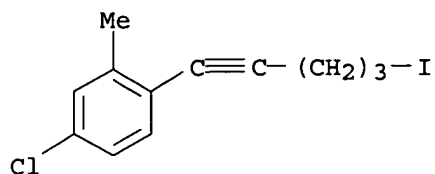
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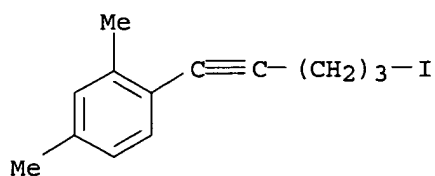
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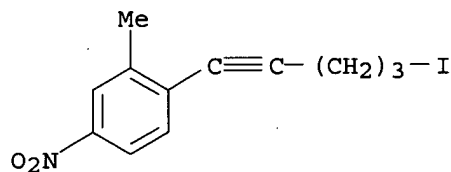
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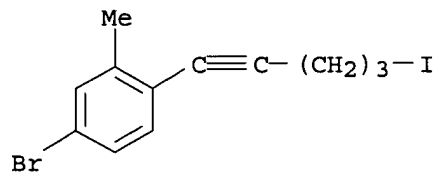
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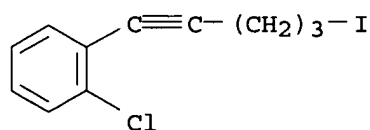
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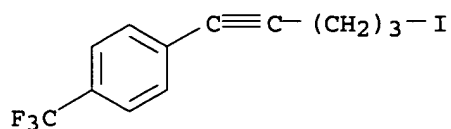
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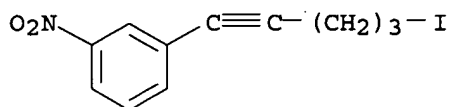


RN 500709-62-6 USPATFULL

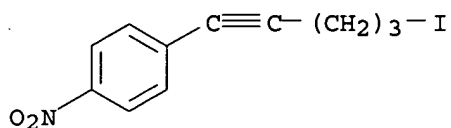
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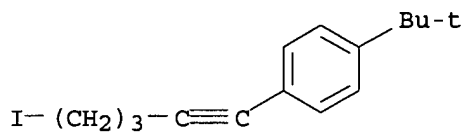
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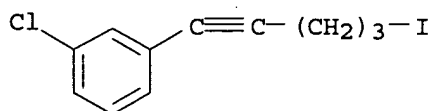
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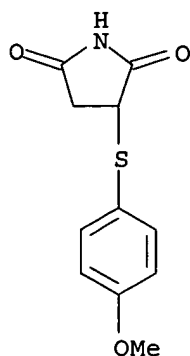
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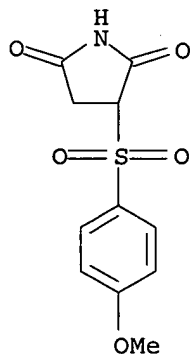
RN 500709-72-8 USPATFULL
 CN Benzene, 1-chloro-3-(5-iodo-1-pentynyl)- (9CI) (CA INDEX NAME)



RN 500715-79-7 USPATFULL
 CN 2,5-Pyrrolidinedione, 3-[(4-methoxyphenyl)thio]- (9CI) (CA INDEX NAME)



RN 500715-80-0 USPATFULL
 CN 2,5-Pyrrolidinedione, 3-[(4-methoxyphenyl)sulfonyl]- (9CI) (CA INDEX NAME)



L38 ANSWER 2 OF 5 USPATFULL on STN
 AN 2004:83321 USPATFULL
 TI 3-Substituted-3-(substitutedsulfonyl or sulfanyl)pyrrolidine-2,5-diones
 useful for inhibition of farnesyl-protein transferase
 IN Epstein, Joseph William, Monroe, NY, UNITED STATES
 Ayral-Kaloustian, Semiramis, Tarrytown, NY, UNITED STATES
 PA Wyeth Holdings Corporation, Madison, NJ (U.S. corporation)
 PI US 2004063777 A1 20040401
 US 6861445 B2 20050301
 AI US 2003-672710 A1 20030926 (10)
 RLI Division of Ser. No. US 2002-227215, filed on 23 Aug 2002, PENDING
 PRAI US 2001-314585P 20010824 (60)
 DT Utility
 FS APPLICATION
 LREP Daniel B. Moran, Five Giralda Farms, Madison, NJ, 07940
 CLMN Number of Claims: 25
 ECL Exemplary Claim: 1
 DRWN No Drawings
 LN.CNT 825
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.
 AB The invention relates to compounds of Formula (I), to processes for
 their preparation and pharmaceutical compositions thereof, that inhibit
 the Ras farnesyl-protein transferase enzyme (FPTase), and may be used as
 an alternative to, or in conjunction with, traditional cancer therapy
 for the treatment of ras oncogene-dependent tumors, such as cancers of
 the pancreas, colon, bladder, and thyroid. ##STR1##

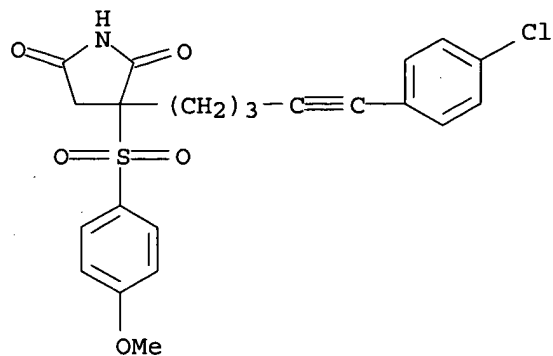
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT 500715-77-5P 500715-78-6P

(claimed compound; preparation of
aralkynylarylsulfonylpyrrolidine-2,5-diones
as inhibitors of farnesyl-protein transferase)

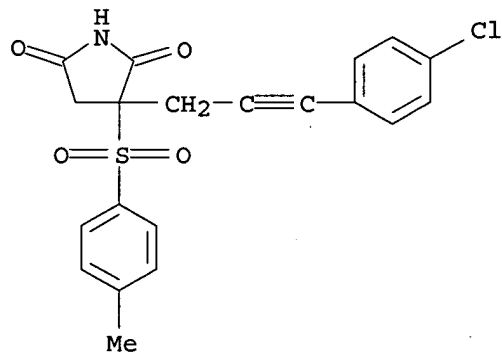
RN 500715-77-5 USPATFULL

CN 2,5-Pyrrolidinedione, 3-[5-(4-chlorophenyl)-4-pentynyl]-3-[(4-methoxyphenyl)sulfonyl]- (9CI) (CA INDEX NAME)



RN 500715-78-6 USPATFULL

CN 2,5-Pyrrolidinedione, 3-[3-(4-chlorophenyl)-2-propynyl]-3-[(4-methylphenyl)sulfonyl]- (9CI) (CA INDEX NAME)

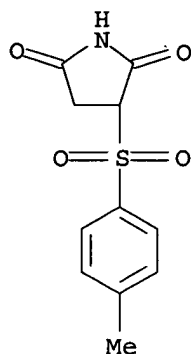


IT 126364-19-0 173019-82-4

(preparation of aralkynylarylsulfonylpyrrolidine-2,5-diones as inhibitors of
farnesyl-protein transferase)

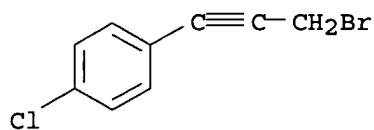
RN 126364-19-0 USPATFULL

CN 2,5-Pyrrolidinedione, 3-[(4-methylphenyl)sulfonyl]- (9CI) (CA INDEX NAME)



RN 173019-82-4 USPATFULL

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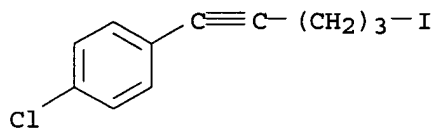


IT 500709-37-5P 500709-40-0P 500709-41-1P
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 500709-62-6P 500709-68-2P 500709-70-6P
 500709-71-7P 500709-72-8P 500715-79-7P
 500715-80-0P

(preparation of aralkynylarylsulfonylpyrrolidine-2,5-diones as inhibitors of farnesyl-protein transferase)

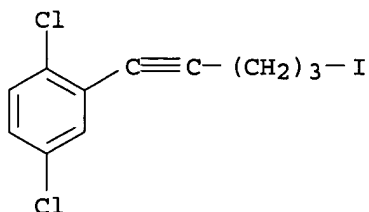
RN 500709-37-5 USPATFULL

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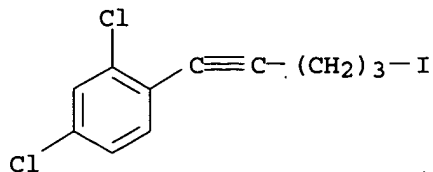
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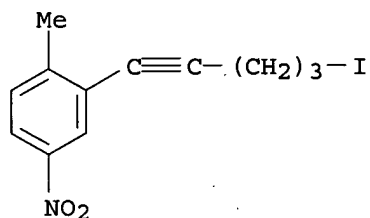
RN 500709-41-1 USPATFULL

CN Benzene, 2,4-dichloro-1-(5-iodo-1-pentynyl)- (9CI) (CA INDEX NAME)



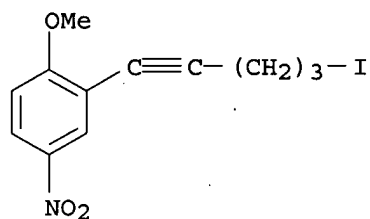
RN 500709-42-2 USPATFULL

CN Benzene, 2-(5-iodo-1-pentynyl)-1-methyl-4-nitro- (9CI) (CA INDEX NAME)



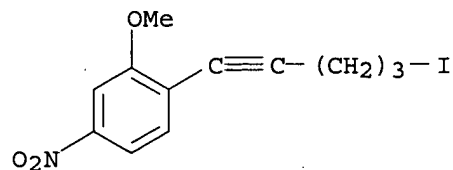
RN 500709-43-3 USPATFULL

CN Benzene, 2-(5-iodo-1-pentynyl)-1-methoxy-4-nitro- (9CI) (CA INDEX NAME)



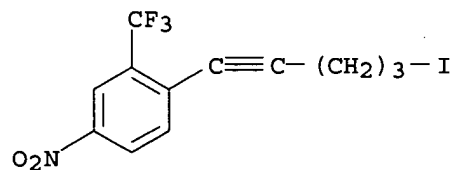
RN 500709-44-4 USPATFULL

CN Benzene, 1-(5-iodo-1-pentynyl)-2-methoxy-4-nitro- (9CI) (CA INDEX NAME)



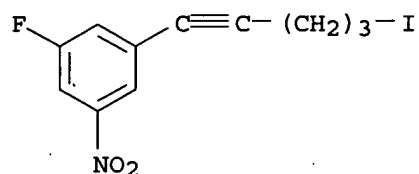
RN 500709-45-5 USPATFULL

CN Benzene, 1-(5-iodo-1-pentynyl)-4-nitro-2-(trifluoromethyl)- (9CI) (CA INDEX NAME)



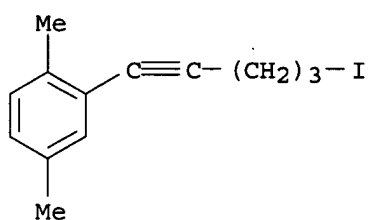
RN 500709-46-6 USPATFULL

CN Benzene, 1-fluoro-3-(5-iodo-1-pentynyl)-5-nitro- (9CI) (CA INDEX NAME)



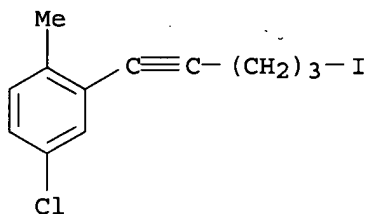
RN 500709-51-3 USPATFULL

CN Benzene, 2-(5-iodo-1-pentynyl)-1,4-dimethyl- (9CI) (CA INDEX NAME)



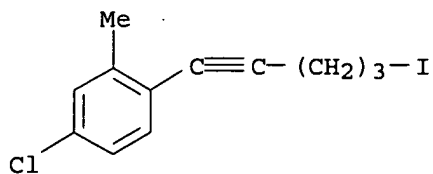
RN 500709-52-4 USPATFULL

CN Benzene, 4-chloro-2-(5-iodo-1-pentynyl)-1-methyl- (9CI) (CA INDEX NAME)



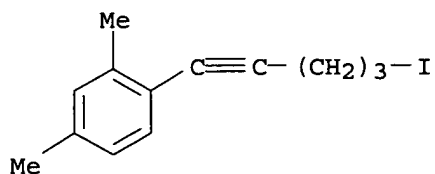
RN 500709-53-5 USPATFULL

CN Benzene, 4-chloro-1-(5-iodo-1-pentynyl)-2-methyl- (9CI) (CA INDEX NAME)



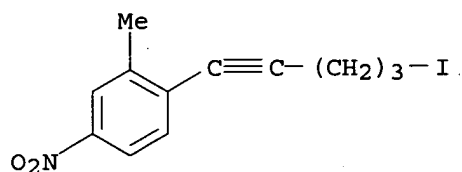
RN 500709-54-6 USPATFULL

CN Benzene, 1-(5-iodo-1-pentynyl)-2,4-dimethyl- (9CI) (CA INDEX NAME)



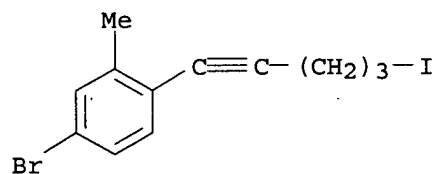
RN 500709-55-7 USPATFULL

CN Benzene, 1-(5-iodo-1-pentynyl)-2-methyl-4-nitro- (9CI) (CA INDEX NAME)



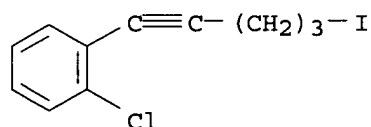
RN 500709-56-8 USPATFULL

CN Benzene, 4-bromo-1-(5-iodo-1-pentynyl)-2-methyl- (9CI) (CA INDEX NAME)



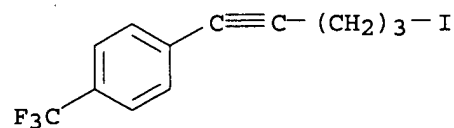
RN 500709-61-5 USPATFULL

CN Benzene, 1-chloro-2-(5-iodo-1-pentynyl)- (9CI) (CA INDEX NAME)



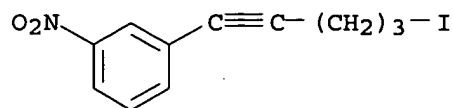
RN 500709-62-6 USPATFULL

CN Benzene, 1-(5-iodo-1-pentynyl)-4-(trifluoromethyl)- (9CI) (CA INDEX NAME)



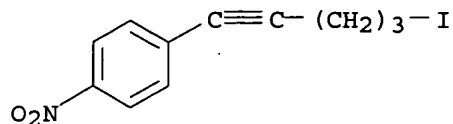
RN 500709-68-2 USPATFULL

CN Benzene, 1-(5-iodo-1-pentynyl)-3-nitro- (9CI) (CA INDEX NAME)



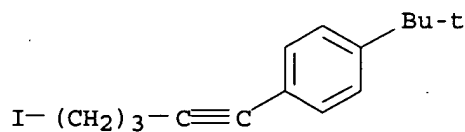
RN 500709-70-6 USPATFULL

CN Benzene, 1-(5-iodo-1-pentynyl)-4-nitro- (9CI) (CA INDEX NAME)



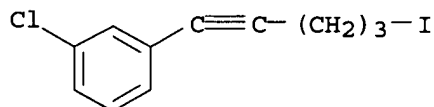
RN 500709-71-7 USPATFULL

CN Benzene, 1-(1,1-dimethylethyl)-4-(5-iodo-1-pentynyl)- (9CI) (CA INDEX NAME)



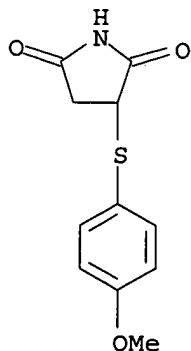
RN 500709-72-8 USPATFULL

CN Benzene, 1-chloro-3-(5-iodo-1-pentynyl)- (9CI) (CA INDEX NAME)



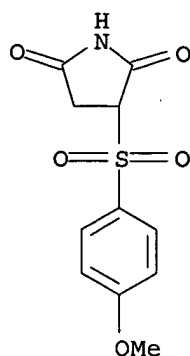
RN 500715-79-7 USPATFULL

CN 2,5-Pyrrolidinedione, 3-[(4-methoxyphenyl)thio]- (9CI) (CA INDEX NAME)



RN 500715-80-0 USPATFULL

CN 2,5-Pyrrolidinedione, 3-[(4-methoxyphenyl)sulfonyl]- (9CI) (CA INDEX NAME)



L38 ANSWER 3 OF 5 USPATFULL on STN

AN 2003:120880 USPATFULL

TI 3-Substituted-3-(substitutedsulfonyl or sulfanyl)pyrrolidine-2,5-diones
useful for inhibition of farnesyl-protein transferase

IN Epstein, Joseph William, Monroe, NY, UNITED STATES

Ayral-Kaloustian, Semiramis, Tarrytown, NY, UNITED STATES

PA American Cyanamid Company, Madison, NJ (U.S. corporation)

PI US 2003083364 A1 20030501

US 6740675 B2 20040525

AI US 2002-227215 A1 20020823 (10)

PRAI US 2001-314585P 20010824 (60)

DT Utility

FS APPLICATION

LREP Daniel B. Moran, Five Giralda Farms, Madison, NJ, 07940

CLMN Number of Claims: 25

ECL Exemplary Claim: 1

DRWN No Drawings

LN.CNT 825

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The invention relates to compounds of Formula (I), to processes for their preparation and pharmaceutical compositions thereof, that inhibit the Ras farnesyl-protein transferase enzyme (FPTase), and may be used as an alternative to, or in conjunction with, traditional cancer therapy for the treatment of ras oncogene-dependent tumors, such as cancers of the pancreas, colon, bladder, and thyroid. ##STR1##

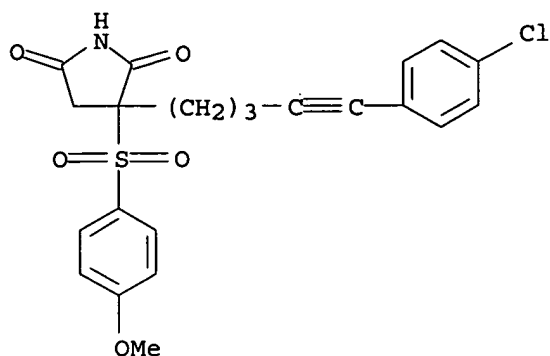
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT 500715-77-5P 500715-78-6P

(claimed compound; preparation of
aralkynylarylsulfonylpyrrolidine-2,5-diones
as inhibitors of farnesyl-protein transferase)

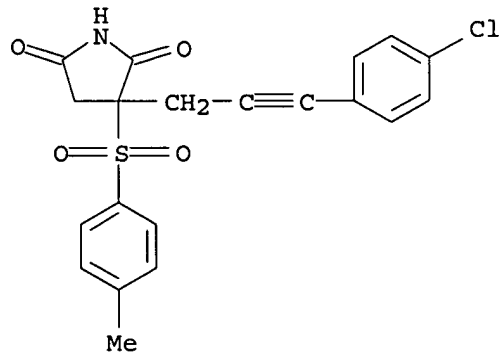
RN 500715-77-5 USPATFULL

CN 2,5-Pyrrolidinedione, 3-[5-(4-chlorophenyl)-4-pentynyl]-3-[(4-methoxyphenyl)sulfonyl]- (9CI) (CA INDEX NAME)



RN 500715-78-6 USPATFULL

CN 2,5-Pyrrolidinedione, 3-[3-(4-chlorophenyl)-2-propynyl]-3-[(4-methylphenyl)sulfonyl]- (9CI) (CA INDEX NAME)

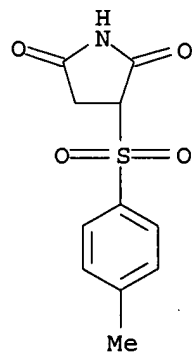


IT 126364-19-0 173019-82-4

(preparation of aralkynylarylsulfonylpyrrolidine-2,5-diones as inhibitors of farnesyl-protein transferase)

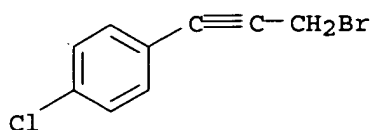
RN 126364-19-0 USPATFULL

CN 2,5-Pyrrolidinedione, 3-[(4-methylphenyl)sulfonyl]- (9CI) (CA INDEX NAME)



RN 173019-82-4 USPATFULL

CN Benzene, 1-(3-bromo-1-propynyl)-4-chloro- (9CI) (CA INDEX NAME)

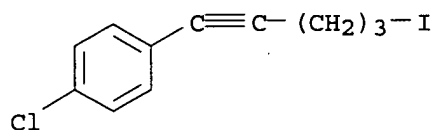


IT 500709-37-5P 500709-40-0P 500709-41-1P
 500709-42-2P 500709-43-3P 500709-44-4P
 500709-45-5P 500709-46-6P 500709-51-3P
 500709-52-4P 500709-53-5P 500709-54-6P
 500709-55-7P 500709-56-8P 500709-61-5P
 500709-62-6P 500709-68-2P 500709-70-6P
 500709-71-7P 500709-72-8P 500715-79-7P
 500715-80-0P

(preparation of aralkynylarylsulfonylpyrrolidine-2,5-diones as inhibitors of
 farnesyl-protein transferase)

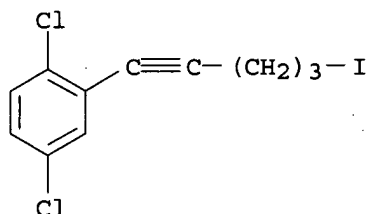
RN 500709-37-5 USPATFULL

CN Benzene, 1-chloro-4-(5-iodo-1-pentynyl)- (9CI) (CA INDEX NAME)



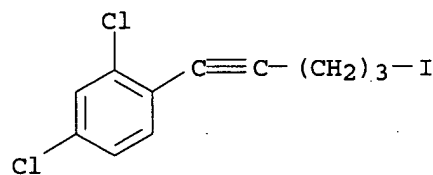
RN 500709-40-0 USPATFULL

CN Benzene, 1,4-dichloro-2-(5-iodo-1-pentynyl)- (9CI) (CA INDEX NAME)



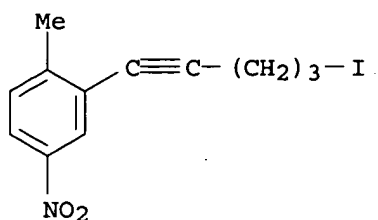
RN 500709-41-1 USPATFULL

CN Benzene, 2,4-dichloro-1-(5-iodo-1-pentynyl)- (9CI) (CA INDEX NAME)



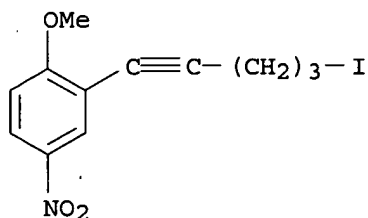
RN 500709-42-2 USPATFULL

CN Benzene, 2-(5-iodo-1-pentynyl)-1-methyl-4-nitro- (9CI) (CA INDEX NAME)



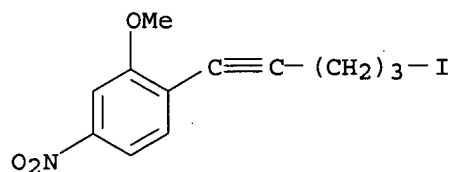
RN 500709-43-3 USPATFULL

CN Benzene, 2-(5-iodo-1-pentynyl)-1-methoxy-4-nitro- (9CI) (CA INDEX NAME)



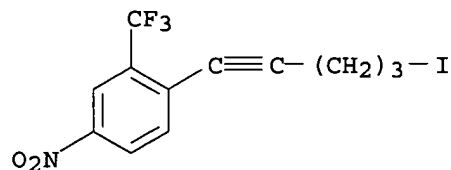
RN 500709-44-4 USPATFULL

CN Benzene, 1-(5-iodo-1-pentynyl)-2-methoxy-4-nitro- (9CI) (CA INDEX NAME)



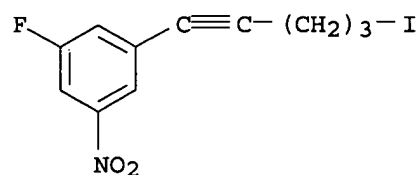
RN 500709-45-5 USPATFULL

CN Benzene, 1-(5-iodo-1-pentynyl)-4-nitro-2-(trifluoromethyl)- (9CI) (CA INDEX NAME)



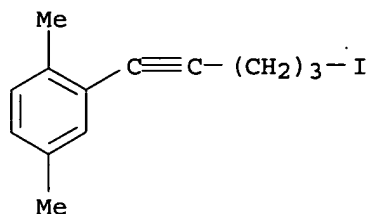
RN 500709-46-6 USPATFULL

CN Benzene, 1-fluoro-3-(5-iodo-1-pentynyl)-5-nitro- (9CI) (CA INDEX NAME)



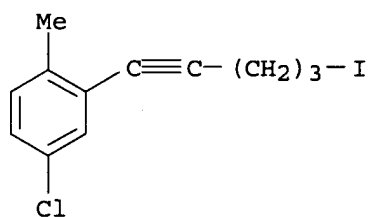
RN 500709-51-3 USPATFULL

CN Benzene, 2-(5-iodo-1-pentynyl)-1,4-dimethyl- (9CI) (CA INDEX NAME)



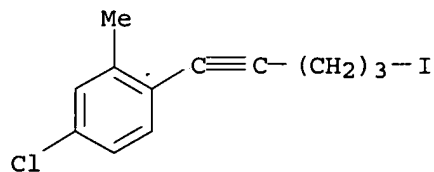
RN 500709-52-4 USPATFULL

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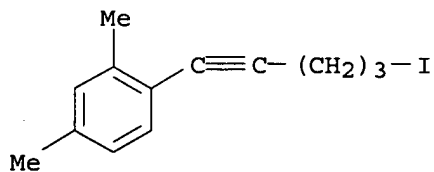
RN 500709-53-5 USPATFULL

CN Benzene, 4-chloro-1-(5-iodo-1-pentynyl)-2-methyl- (9CI) (CA INDEX NAME)



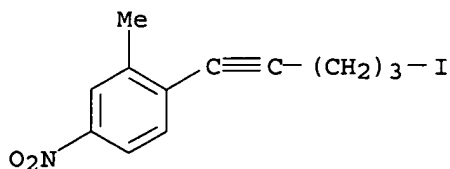
RN 500709-54-6 USPATFULL

CN Benzene, 1-(5-iodo-1-pentynyl)-2,4-dimethyl- (9CI) (CA INDEX NAME)



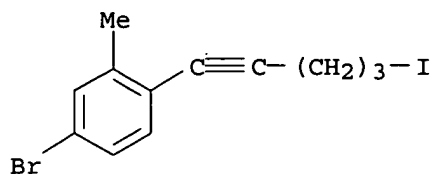
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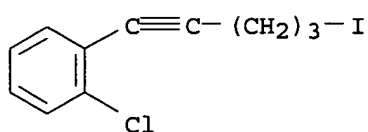
RN 500709-56-8 USPATFULL

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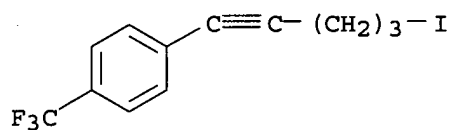
RN 500709-61-5 USPATFULL

CN Benzene, 1-chloro-2-(5-iodo-1-pentynyl)- (9CI) (CA INDEX NAME)



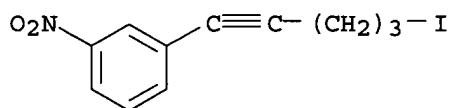
RN 500709-62-6 USPATFULL

CN Benzene, 1-(5-iodo-1-pentynyl)-4-(trifluoromethyl)- (9CI) (CA INDEX NAME)



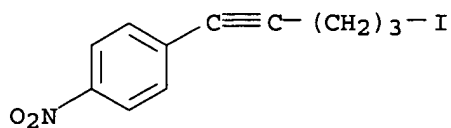
RN 500709-68-2 USPATFULL

CN Benzene, 1-(5-iodo-1-pentynyl)-3-nitro- (9CI) (CA INDEX NAME)



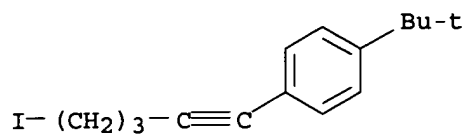
RN 500709-70-6 USPATFULL

CN Benzene, 1-(5-iodo-1-pentynyl)-4-nitro- (9CI) (CA INDEX NAME)



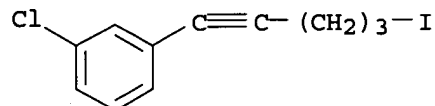
RN 500709-71-7 USPATFULL

CN Benzene, 1-(1,1-dimethylethyl)-4-(5-iodo-1-pentynyl)- (9CI) (CA INDEX NAME)



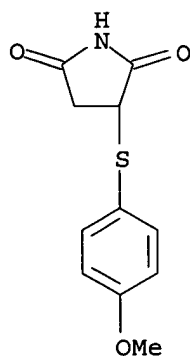
RN 500709-72-8 USPATFULL

CN Benzene, 1-chloro-3-(5-iodo-1-pentynyl)- (9CI) (CA INDEX NAME)



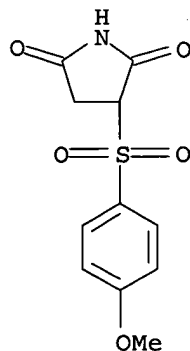
RN 500715-79-7 USPATFULL

CN 2,5-Pyrrolidinedione, 3-[(4-methoxyphenyl)thio]- (9CI) (CA INDEX NAME)



RN 500715-80-0 USPATFULL

CN 2,5-Pyrrolidinedione, 3-[(4-methoxyphenyl)sulfonyl]- (9CI) (CA INDEX NAME)



L38 ANSWER 4 OF 5 USPAT2 on STN

AN 2004:83321 USPAT2

TI 3-Substituted-3-(substitutedsulfonyl or sulfanyl)pyrrolidine-2,5-diones
useful for inhibition of farnesyl-protein transferase

IN Epstein, Joseph William, Monroe, NY, United States

PA Ayral-Kaloustian, Semiramis, Tarrytown, NY, United States
 Wyeth Holdings Corporation, Madison, NJ, United States (U.S. corporation)
 PI US 6861445 B2 20050301
 AI US 2003-672710 20030926 (10)
 RLI Division of Ser. No. US 2002-227215, filed on 23 Aug 2002, now patented, Pat. No. US 6740675
 PRAI US 2001-314585P 20010824 (60)
 DT Utility
 FS GRANTED
 EXNAM Primary Examiner: Desai, Rita; Assistant Examiner: Shiao, Robert
 LREP Moran, Daniel B.
 CLMN Number of Claims: 8
 ECL Exemplary Claim: 1
 DRWN 0 Drawing Figure(s); 0 Drawing Page(s)
 LN.CNT 762

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The invention relates to compounds of Formula (I), to processes for their preparation and pharmaceutical compositions thereof, that inhibit the Ras farnesyl-protein transferase enzyme (FPTase), and may be used as an alternative to, or in conjunction with, traditional cancer therapy for the treatment of ras oncogene-dependent tumors, such as cancers of the pancreas, colon, bladder, and thyroid ##STR1##

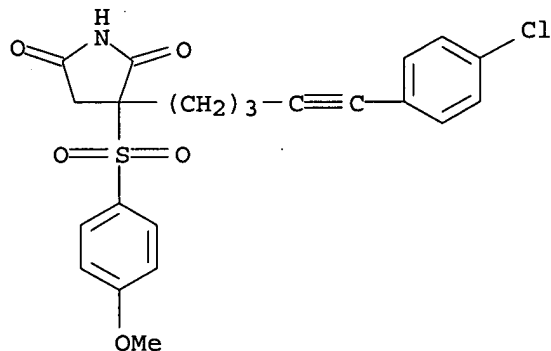
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT 500715-77-5P 500715-78-6P

(claimed compound; preparation of
 aralkynylarylsulfonylpyrrolidine-2,5-diones
 as inhibitors of farnesyl-protein transferase)

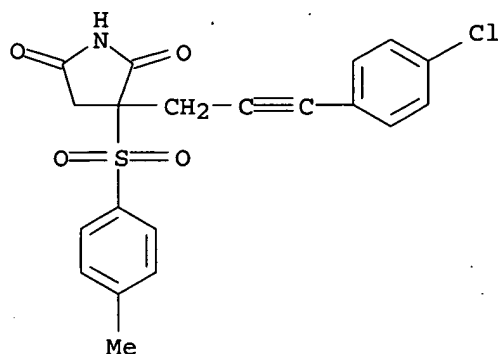
RN 500715-77-5 USPAT2

CN 2,5-Pyrrolidinedione, 3-[5-(4-chlorophenyl)-4-pentynyl]-3-[(4-methoxyphenyl)sulfonyl]- (9CI) (CA INDEX NAME)



RN 500715-78-6 USPAT2

CN 2,5-Pyrrolidinedione, 3-[3-(4-chlorophenyl)-2-propynyl]-3-[(4-methylphenyl)sulfonyl]- (9CI) (CA INDEX NAME)

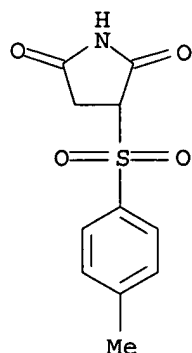


IT 126364-19-0 173019-82-4

(preparation of aralkynylarylsulfonylpyrrolidine-2,5-diones as inhibitors of farnesyl-protein transferase)

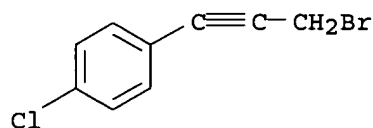
RN 126364-19-0 USPAT2

CN 2,5-Pyrrolidinedione, 3-[(4-methylphenyl)sulfonyl]- (9CI) (CA INDEX NAME)



RN 173019-82-4 USPAT2

CN Benzene, 1-(3-bromo-1-propynyl)-4-chloro- (9CI) (CA INDEX NAME)



IT 500709-37-5P 500709-40-0P 500709-41-1P

500709-42-2P 500709-43-3P 500709-44-4P

500709-45-5P 500709-46-6P 500709-51-3P

500709-52-4P 500709-53-5P 500709-54-6P

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500709-62-6P 500709-68-2P 500709-70-6P

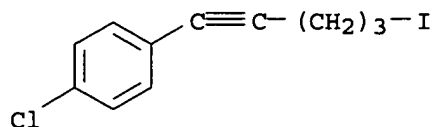
500709-71-7P 500709-72-8P 500715-79-7P

500715-80-0P

(preparation of aralkynylarylsulfonylpyrrolidine-2,5-diones as inhibitors of farnesyl-protein transferase)

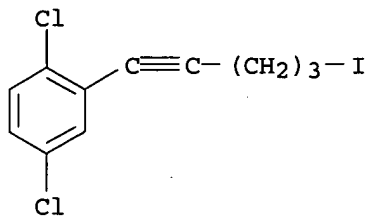
RN 500709-37-5 USPAT2

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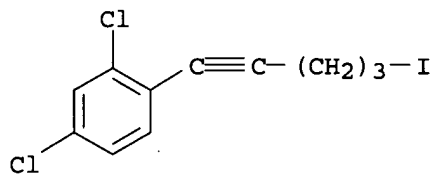
RN 500709-40-0 USPAT2

CN Benzene, 1,4-dichloro-2-(5-iodo-1-pentynyl)- (9CI) (CA INDEX NAME)



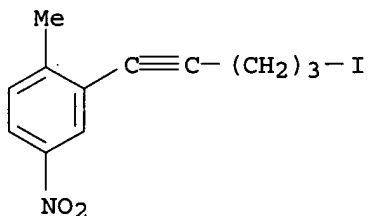
RN 500709-41-1 USPAT2

CN Benzene, 2,4-dichloro-1-(5-iodo-1-pentynyl)- (9CI) (CA INDEX NAME)



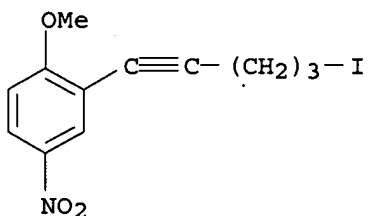
RN 500709-42-2 USPAT2

CN Benzene, 2-(5-iodo-1-pentynyl)-1-methyl-4-nitro- (9CI) (CA INDEX NAME)



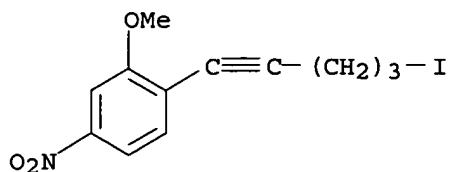
RN 500709-43-3 USPAT2

CN Benzene, 2-(5-iodo-1-pentynyl)-1-methoxy-4-nitro- (9CI) (CA INDEX NAME)



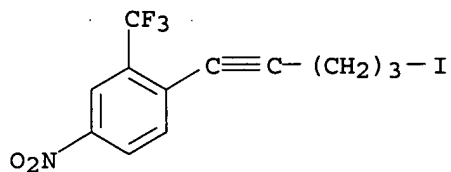
RN 500709-44-4 USPAT2

CN Benzene, 1-(5-iodo-1-pentynyl)-2-methoxy-4-nitro- (9CI) (CA INDEX NAME)



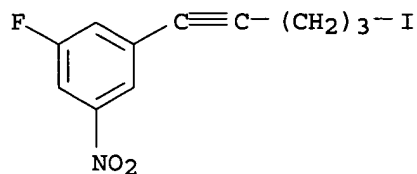
RN 500709-45-5 USPAT2

CN Benzene, 1-(5-iodo-1-pentynyl)-4-nitro-2-(trifluoromethyl)- (9CI) (CA INDEX NAME)



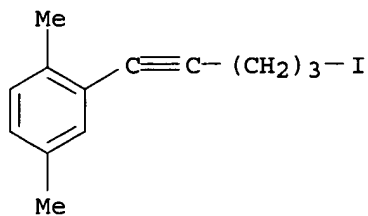
RN 500709-46-6 USPAT2

CN Benzene, 1-fluoro-3-(5-iodo-1-pentynyl)-5-nitro- (9CI) (CA INDEX NAME)



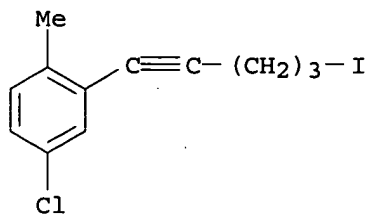
RN 500709-51-3 USPAT2

CN Benzene, 2-(5-iodo-1-pentynyl)-1,4-dimethyl- (9CI) (CA INDEX NAME)



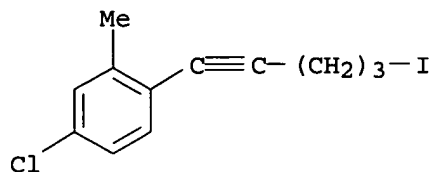
RN 500709-52-4 USPAT2

CN Benzene, 4-chloro-2-(5-iodo-1-pentynyl)-1-methyl- (9CI) (CA INDEX NAME)



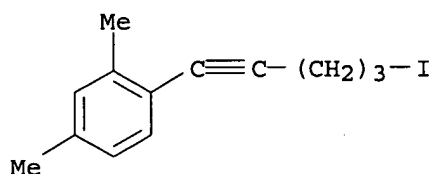
RN 500709-53-5 USPAT2

CN Benzene, 4-chloro-1-(5-iodo-1-pentynyl)-2-methyl- (9CI) (CA INDEX NAME)



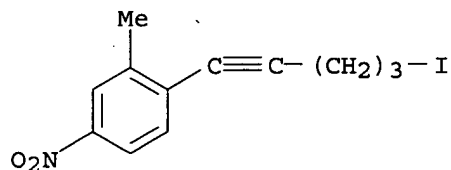
RN 500709-54-6 USPAT2

CN Benzene, 1-(5-iodo-1-pentynyl)-2,4-dimethyl- (9CI) (CA INDEX NAME)



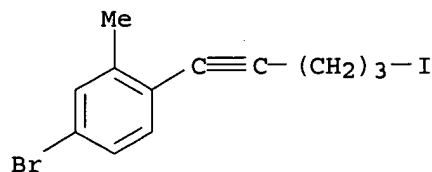
RN 500709-55-7 USPAT2

CN Benzene, 1-(5-iodo-1-pentynyl)-2-methyl-4-nitro- (9CI) (CA INDEX NAME)



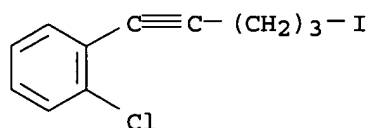
RN 500709-56-8 USPAT2

CN Benzene, 4-bromo-1-(5-iodo-1-pentynyl)-2-methyl- (9CI) (CA INDEX NAME)



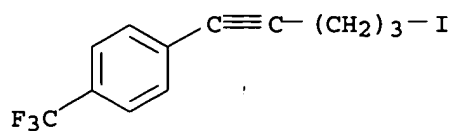
RN 500709-61-5 USPAT2

CN Benzene, 1-chloro-2-(5-iodo-1-pentynyl)- (9CI) (CA INDEX NAME)

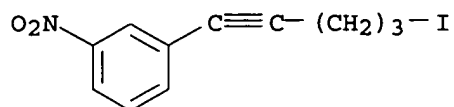


RN 500709-62-6 USPAT2

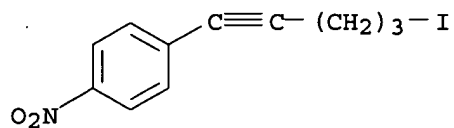
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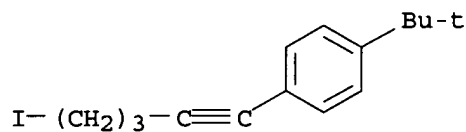
RN 500709-68-2 USPAT2
 CN Benzene, 1-(5-iodo-1-pentynyl)-3-nitro- (9CI) (CA INDEX NAME)



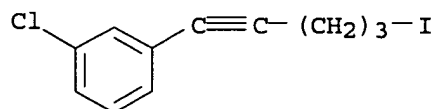
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 CN Benzene, 1-(5-iodo-1-pentynyl)-4-nitro- (9CI) (CA INDEX NAME)



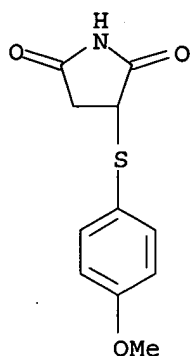
RN 500709-71-7 USPAT2
 CN Benzene, 1-(1,1-dimethylethyl)-4-(5-iodo-1-pentynyl)- (9CI) (CA INDEX NAME)



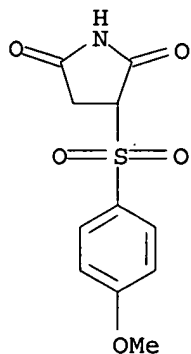
RN 500709-72-8 USPAT2
 CN Benzene, 1-chloro-3-(5-iodo-1-pentynyl)- (9CI) (CA INDEX NAME)



RN 500715-79-7 USPAT2
 CN 2,5-Pyrrolidinedione, 3-[(4-methoxyphenyl)thio]- (9CI) (CA INDEX NAME)



RN 500715-80-0 USPAT2
 CN 2,5-Pyrrolidinedione, 3-[(4-methoxyphenyl)sulfonyl]- (9CI) (CA INDEX NAME)



L38 ANSWER 5 OF 5 USPAT2 on STN
 AN 2003:120880 USPAT2
 TI 3-substituted-3-(substitutedsulfonyl or sulfanyl)pyrrolidine-2,5-diones
 useful for inhibition of farnesyl-protein transferase
 IN Epstein, Joseph William, Monroe, NY, United States
 Ayral-Kaloustian, Semiramis, Tarrytown, NY, United States
 PA Wyeth Holdings Corporation, Madison, NJ, United States (U.S.
 corporation)
 PI US 6740675 B2 20040525
 AI US 2002-227215 20020823 (10)
 PRAI US 2001-314585P 20010824 (60)
 DT Utility
 FS GRANTED
 EXNAM Primary Examiner: McKane, Joseph K.; Assistant Examiner: Shiao, Robert
 LREP Moran, Daniel B.
 CLMN Number of Claims: 10
 ECL Exemplary Claim: 1
 DRWN 0 Drawing Figure(s); 0 Drawing Page(s)
 LN.CNT 751
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.
 AB The invention relates to compounds of Formula (I), to processes for
 their preparation and pharmaceutical compositions thereof, that inhibit
 the Ras farnesyl-protein transferase enzyme (FPTase), and may be used as
 an alternative to, or in conjunction with, traditional cancer therapy
 for the treatment of ras oncogene-dependent tumors, such as cancers of
 the pancreas, colon, bladder, and thyroid. ##STR1##

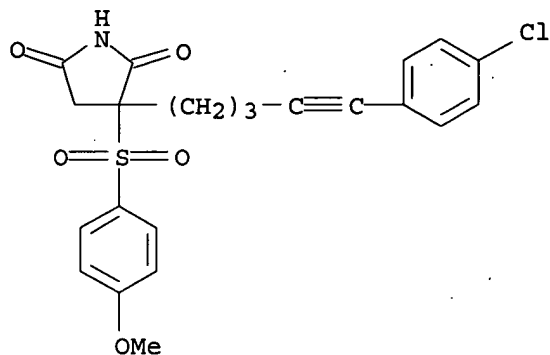
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT 500715-77-5P 500715-78-6P

(claimed compound; preparation of
aralkynylarylsulfonylpyrrolidine-2,5-diones
as inhibitors of farnesyl-protein transferase)

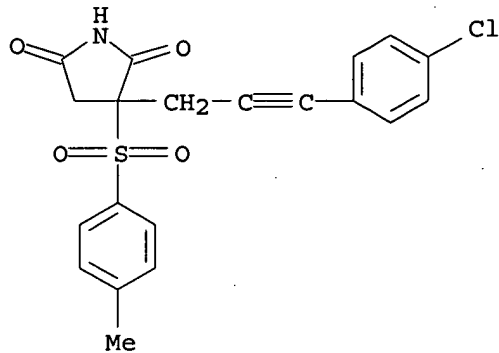
RN 500715-77-5 USPAT2

CN 2,5-Pyrrolidinedione, 3-[5-(4-chlorophenyl)-4-pentynyl]-3-[(4-methoxyphenyl)sulfonyl]- (9CI) (CA INDEX NAME)



RN 500715-78-6 USPAT2

CN 2,5-Pyrrolidinedione, 3-[3-(4-chlorophenyl)-2-propynyl]-3-[(4-methylphenyl)sulfonyl]- (9CI) (CA INDEX NAME)

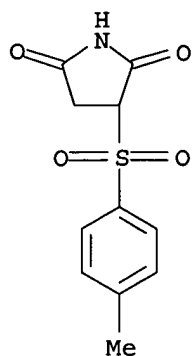


IT 126364-19-0 173019-82-4

(preparation of aralkynylarylsulfonylpyrrolidine-2,5-diones as inhibitors of
farnesyl-protein transferase)

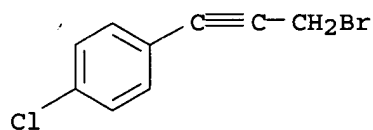
RN 126364-19-0 USPAT2

CN 2,5-Pyrrolidinedione, 3-[(4-methylphenyl)sulfonyl]- (9CI) (CA INDEX NAME)



RN 173019-82-4 USPAT2

CN Benzene, 1-(3-bromo-1-propynyl)-4-chloro- (9CI) (CA INDEX NAME)

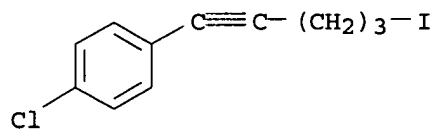


IT 500709-37-5P 500709-40-0P 500709-41-1P
 500709-42-2P 500709-43-3P 500709-44-4P
 500709-45-5P 500709-46-6P 500709-51-3P
 500709-52-4P 500709-53-5P 500709-54-6P
 500709-55-7P 500709-56-8P 500709-61-5P
 500709-62-6P 500709-68-2P 500709-70-6P
 500709-71-7P 500709-72-8P 500715-79-7P
 500715-80-0P

(preparation of aralkynylarylsulfonylpyrrolidine-2,5-diones as inhibitors of farnesyl-protein transferase)

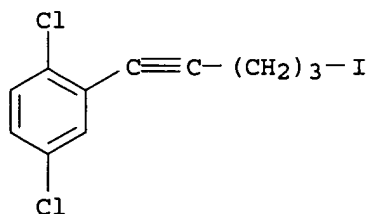
RN 500709-37-5 USPAT2

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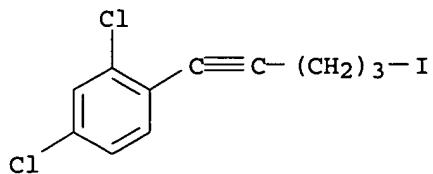
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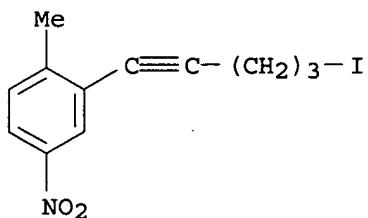
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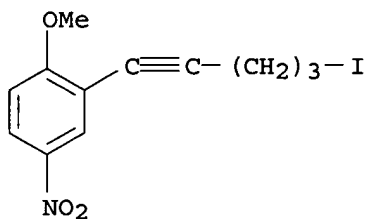
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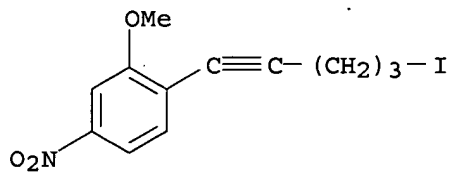
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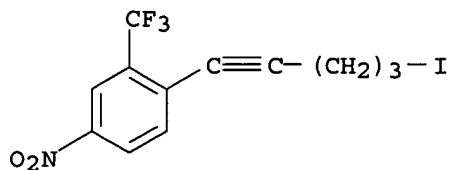
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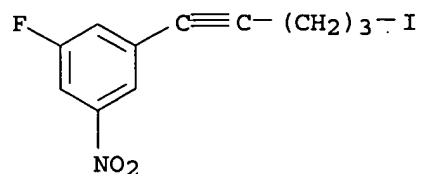
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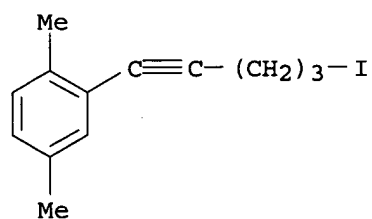
RN 500709-46-6 USPAT2

CN Benzene, 1-fluoro-3-(5-iodo-1-pentynyl)-5-nitro- (9CI) (CA INDEX NAME)



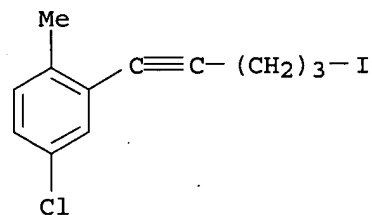
RN 500709-51-3 USPAT2

CN Benzene, 2-(5-iodo-1-pentynyl)-1,4-dimethyl- (9CI) (CA INDEX NAME)



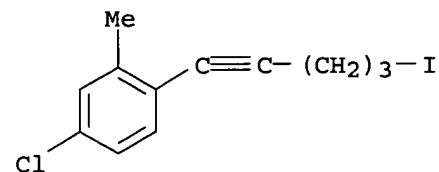
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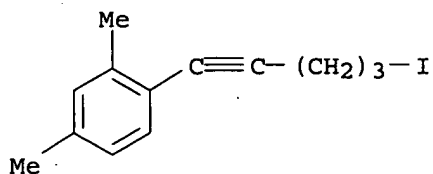
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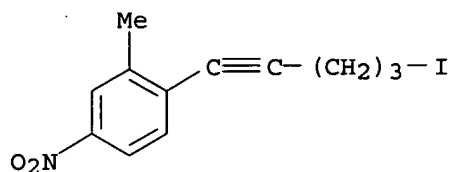


RN 500709-54-6 USPAT2

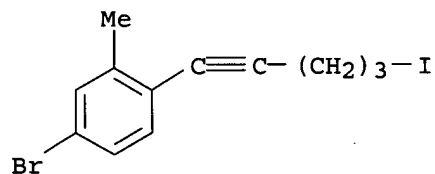
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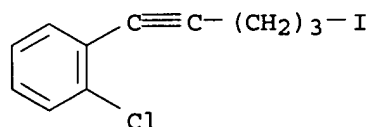
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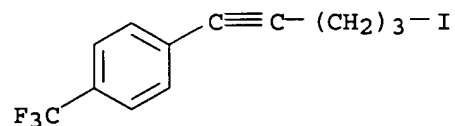
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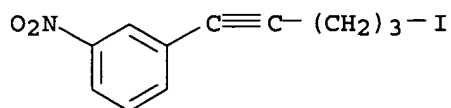
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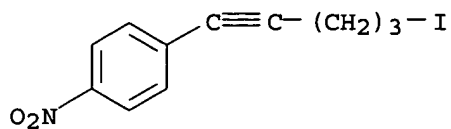
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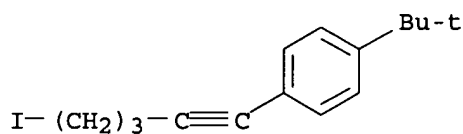
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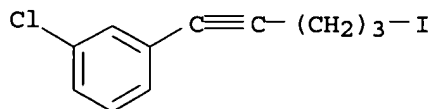
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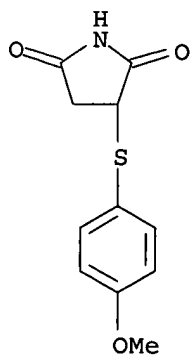
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 CN Benzene, 1-(1,1-dimethylethyl)-4-(5-iodo-1-pentynyl)- (9CI) (CA INDEX NAME)



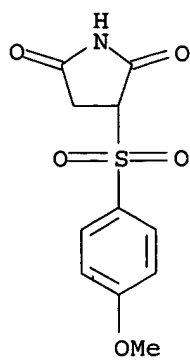
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 CN Benzene, 1-chloro-3-(5-iodo-1-pentynyl)- (9CI) (CA INDEX NAME)



RN 500715-79-7 USPAT2
 CN 2,5-Pyrrolidinedione, 3-[(4-methoxyphenyl)thio]- (9CI) (CA INDEX NAME)



RN 500715-80-0 USPAT2
 CN 2,5-Pyrrolidinedione, 3-[(4-methoxyphenyl)sulfonyl]- (9CI) (CA INDEX NAME)



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